



Materials For Industry

PTFE TEFLON INSULATED WIRE



Features

- Silver plated copper with 40 microinches minimum coating thickness per ASTM B-298
- Extruded PTFE, nominal wall thickness .015”
- Dual industry recognition UL and Mil-Spec
- 1000 volts rms
- VW-1 Flammability rating

Applications

Suitable for internal wiring in high-frequency use at elevated temperatures in high-reliability programs where electrical and thermal stability are important.

UL1180 / M16878/5 1000V Teflon Wire					
PART NUMBER	GAUGE	STRANDING (AWG)	OUTSIDE DIAMETER	STOCK COLORS	SPOOL SIZE / FT
61TYEE-30XXX	30	19/42	.042	0-9	500
61TYEE-28XXX	28	19/40	.045	0-9	500
61TYEE-26XXX	26	19/38	.049	0-9	500
61TYEE-24XXX	24	19/36	.054	0-9	500
61TYEE-22XXX	22	19/34	.060	0-9	500
61TYEE-20XXX	20	19/32	.068	0-9	500
61TYEE-18XXX	18	19/30	.079	0-9	500
61TYEE-16XXX	16	19/29	.087	0-9	500
61TYEE-14XXX	14	19/27	.105	0-9	250
61TYEE-12XXX	12	19/25	.124	0-9	250
61TYEE-10XXX	10	37/26	.142	0-9	100
61TYEE-8XXX	8	133/29	.209	0-9	100

XXX— Standard colors include:

0/BLK, 1/BRN, 2/RED, 3/ORG, 4/YEL, 5/GRN, 6/BLU, 7/VIO, 8/GRY, 9/WHT

For striped wire: Add “/” and the striped color, example 61TYEE-26BLK/WHT

Technical Data

Electrical

Voltage Rating 1000 volts rms
 Insulation Flaw Test 5700 Volts rms @ 3.0 KHz

Physical

Temperature Rating -55°C to +200°C
 Heat Resistance +290°C for 96 hours
 Cold Bend -65°C for 4 hours
 Flammability VW-1

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